

VIDEOTAPING OF CONSTRUCTION CORRIDORS

- A. General. The Contractor shall provide the labor, tools, equipment, and materials necessary to provide video taping in accordance with the drawings and as specified herein.
- B. Taping. Construction in any area shall not start until the area has been taped and the tapes submitted.
- C. Visual Inspection. Prior to taping, all areas to be taped shall be investigated visually with notation made of features not readily visible by taping methods. This would include, but not be limited to, culverts (size, type, and condition) and manholes that may be partially buried. Record all measurements made during the inspection.
- D. Approvals. All taping shall be conducted in the presence of the Engineer unless waived in writing by the Engineer. At the start of taping, the Contractor shall submit a sample tape of a portion of this project for the Engineer to review. The sample tape shall be approved before any other taping is allowed.
- E. Equipment.

Tape. Audio-video tape shall be original, previously unrecorded, standard quality, 1/2 inch color video cassette. If duplicate copies are required by the Owner, all copies shall be limited to direct copies of the original tape and marked as such. All tapes (cassettes and cases) shall be properly identified by tape number, location, and project name in a manner acceptable to the Engineer. An index including date of taping, subjects, and locations by tape footage and inventory of all tapes completed, referenced by location and tape number, shall be furnished to the Engineer upon completion of the work and delivery of the tapes. All tapes and written records shall become the property of the Owner.

Camera/Camcorder. The color camera/camcorder shall be compatible with the 1/2 inch format video tape. Equipment shall be standard quality.
- F. Audio. Each tape shall begin with the current date, project name, and municipality, and be followed by the general location, i.e., name of the street or property owner, location of cross country line, viewing side, and direction of progress. The engineering stationing (where required) shall be noted on the audio track. Houses and buildings shall be identified audibly by name and address, when available.
- G. Date and Time. All video recordings shall, by electronic means, continuously display the month, day, year, hours, minutes, and seconds.

H. Coverage.

General. Taped coverage shall include, but not limited to, all existing driveways, sidewalks, curbs, ditches (drainage patterns are of particular concern), streets (including condition of paving for full width), landscaping, trees, culverts, catch basins, headwalls, fences, visible utilities, and all buildings (interior and exterior) located within the zone of influence of construction. Of particular concern are existing faults, fractures, defects, or other imperfections.

Streets. Unless otherwise noted, streets and street areas shall be recorded by audio-video tape for full width of the zone of influence of construction, including both sides of the street. The term street shall be understood to mean street, highway, avenue, boulevard, road, alley, lane, driveway, parking lot, etc., and all adjacent areas within the possible zone of the influence of construction.

Easements. Easements shall be recorded by audio-video tape for the full width of the permanent and temporary easements and all other adjacent areas lying within the zone of influence of construction. Easements shall be understood to mean all areas not in streets that require tape coverage. Also, included in this coverage should be any areas that are intended to be used for construction access, storage, or waste disposal.

- I. Copies. Four copies of the finished video should be distributed to the following: one copy to the Owner, two copies to the Engineer, and one copy should be retained by the Contractor.